

Supplementary Material

Three new xanthonones from *Hypericum scabrum* and their quorum sensing inhibitory activities against *Chromobacterium violaceum*

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Figure S1 ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of compound **1**

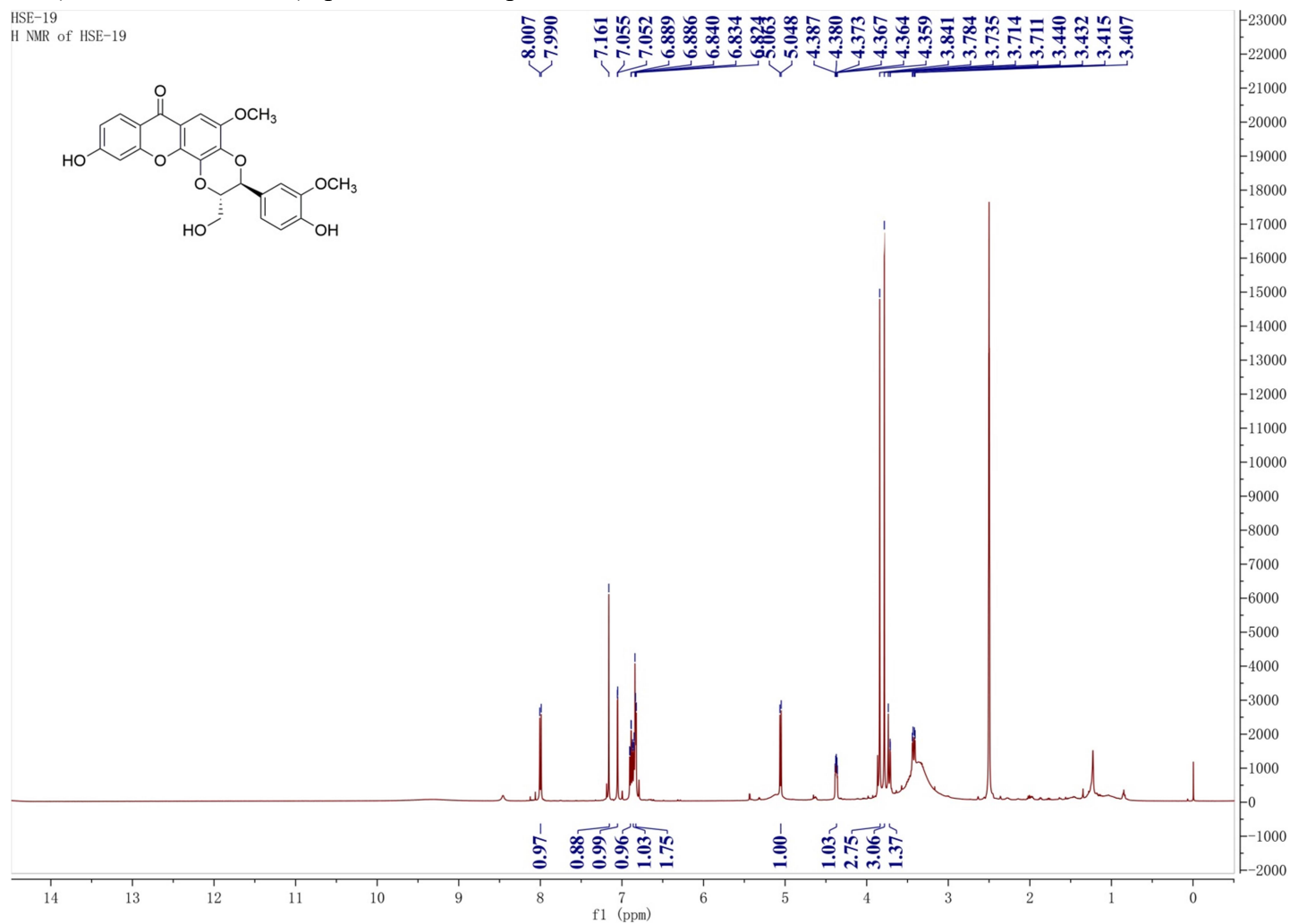


Figure S2 ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) spectrum of compound **1**

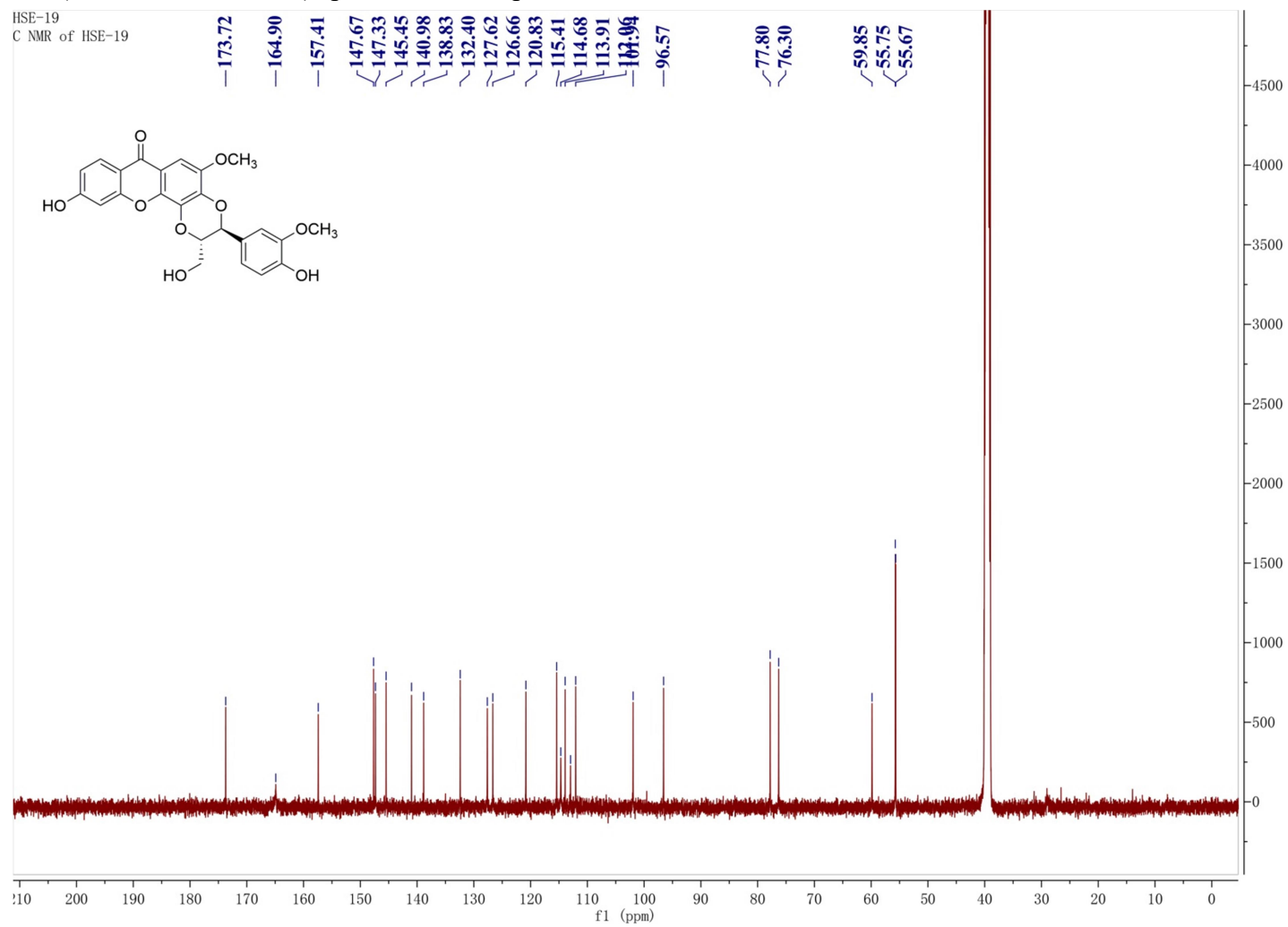


Figure S3 HRESIMS spectrum of compound 1

Analysis Name:	HSE-19-1	Acquisition Date:	20201230
Comment:	ESI Positive	Operator:	TIPC

2 #12 RT: 0.10 AV: 1 SB: 4 0.05-0.06, 0.20-0.21 NL: 7.48E4
T: FTMS + p ESI Full lock ms [80.0000-1200.0000]

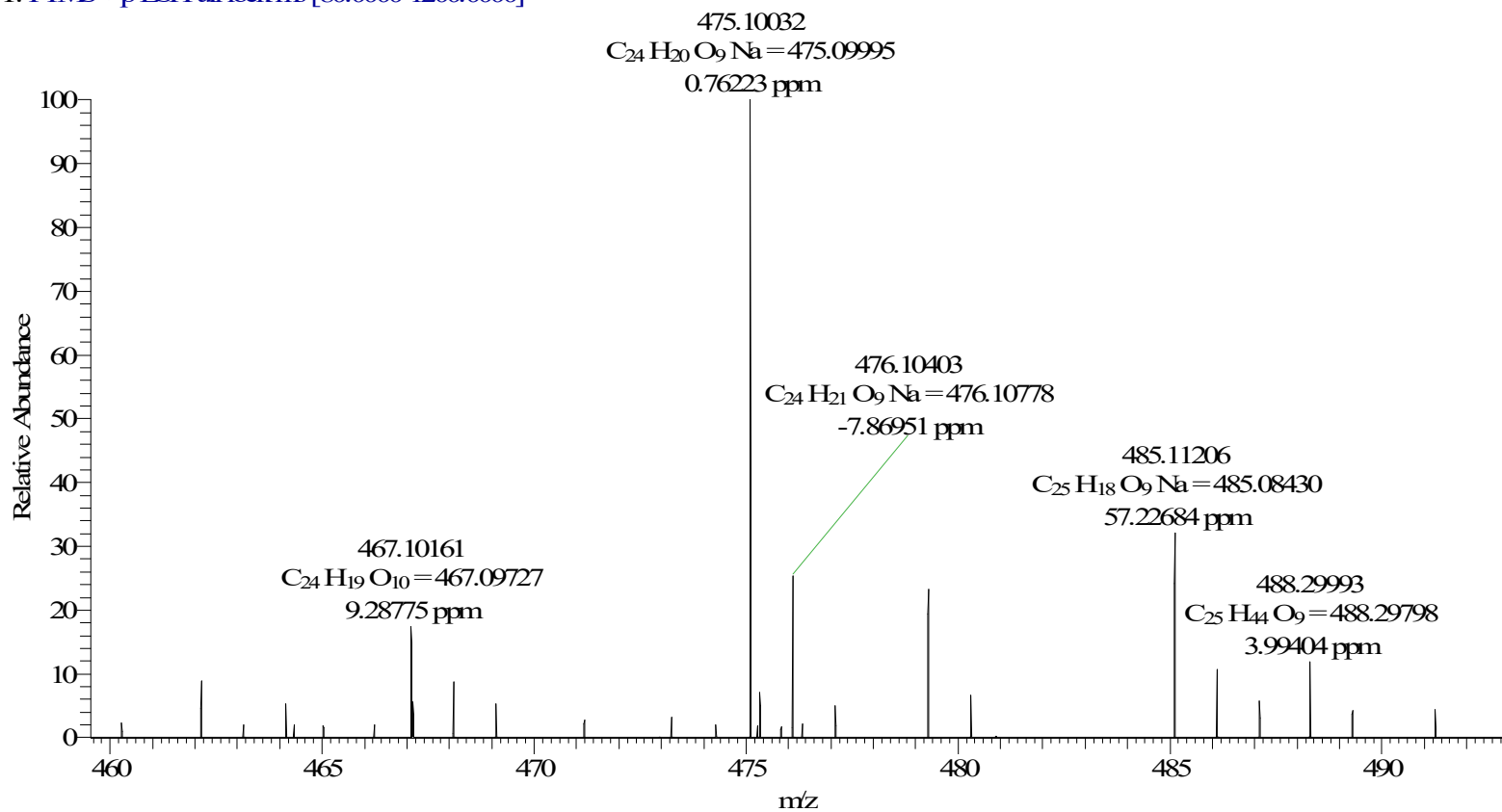


Figure S4 HSQC spectrum of compound **1**

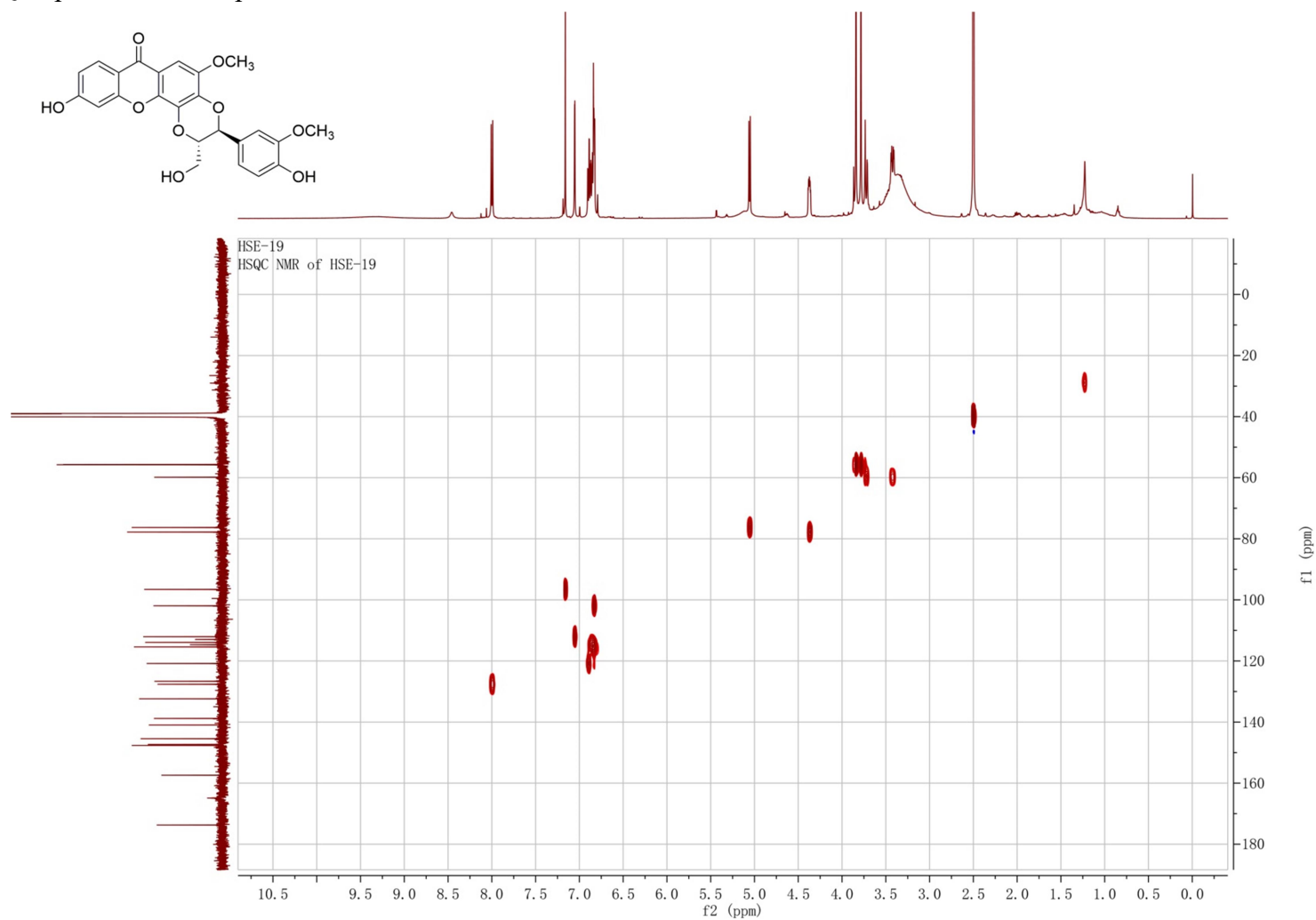


Figure S5 HMBC spectrum of compound **1**

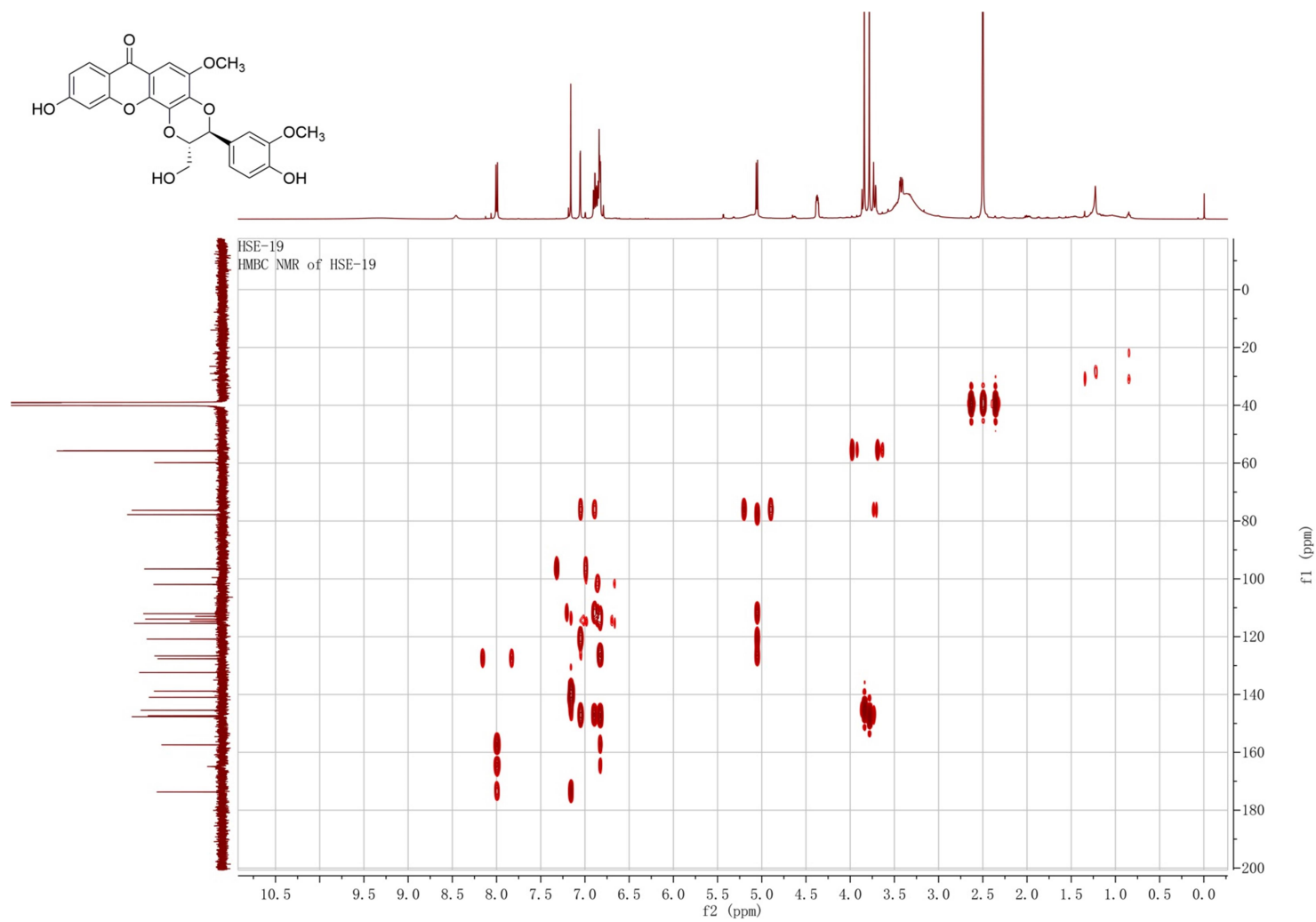


Figure S6 ^1H NMR (500 MHz, $\text{DMSO-}d_6$) spectrum of compound **2**

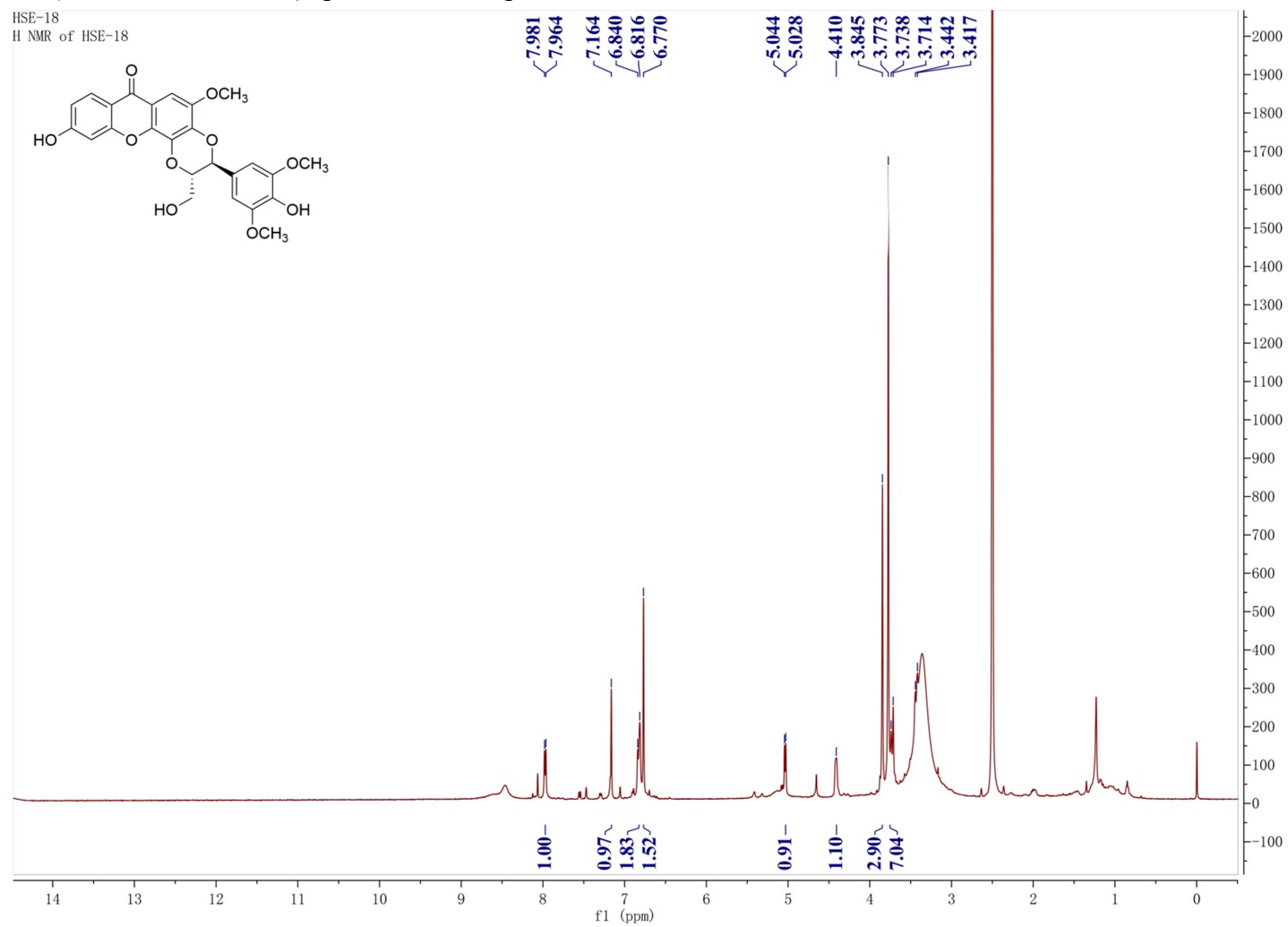


Figure S7 ^{13}C NMR (125 MHz, DMSO- d_6) spectrum of compound **2**

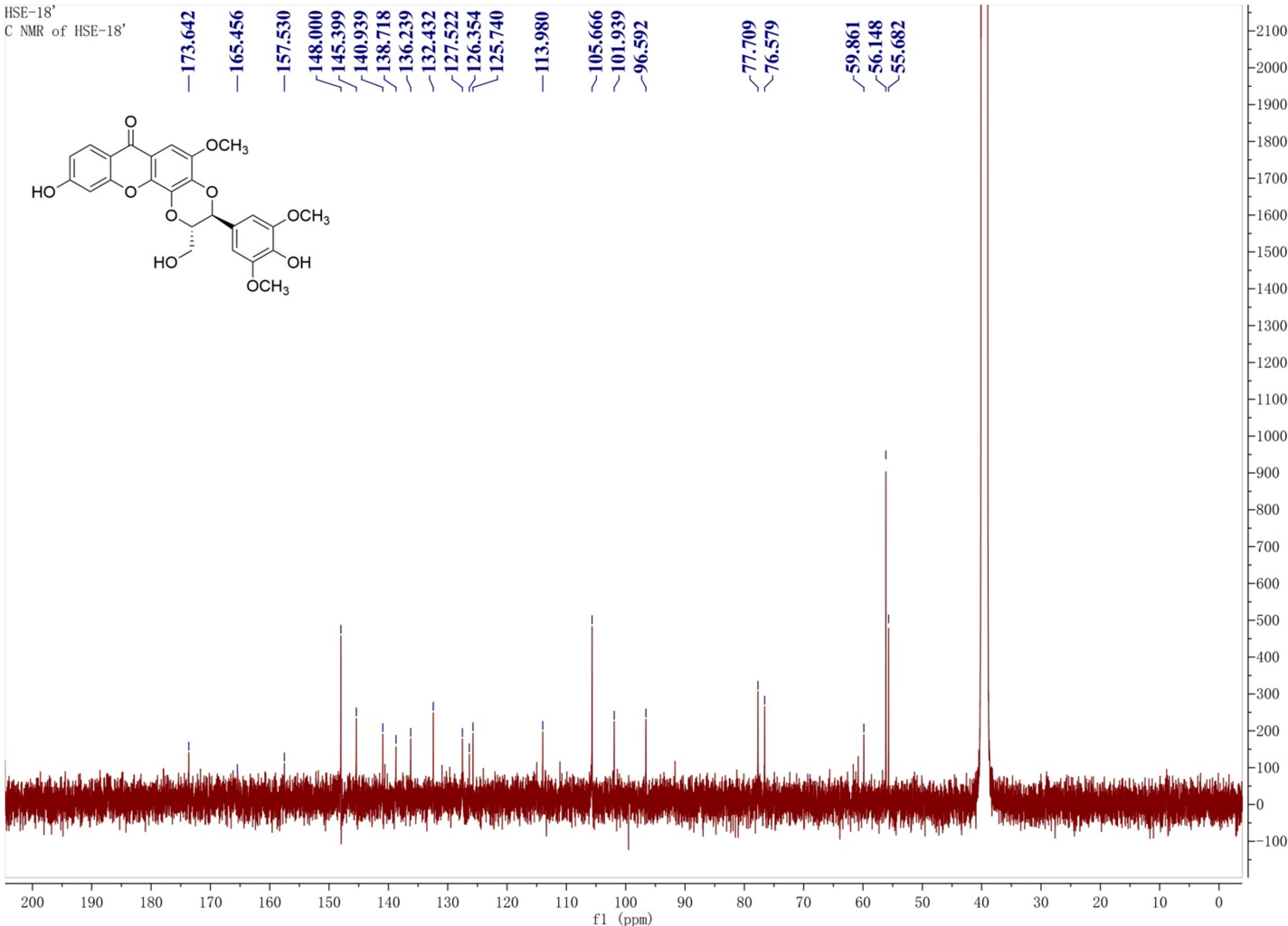


Figure S8 HRESIMS spectrum of compound **2**

Analysis Name: HSE-18

Acquisition Date:

20201230

Comment: ESI Positive

Operator:

TIPC

1 #15-16 RT: 0.12-0.13 AV: 2 SB: 5 0.04-0.05 , 0.20-0.21 NL: 1.90E5
T: FTMS +p ESI Full lock ms [80.0000-1200.0000]

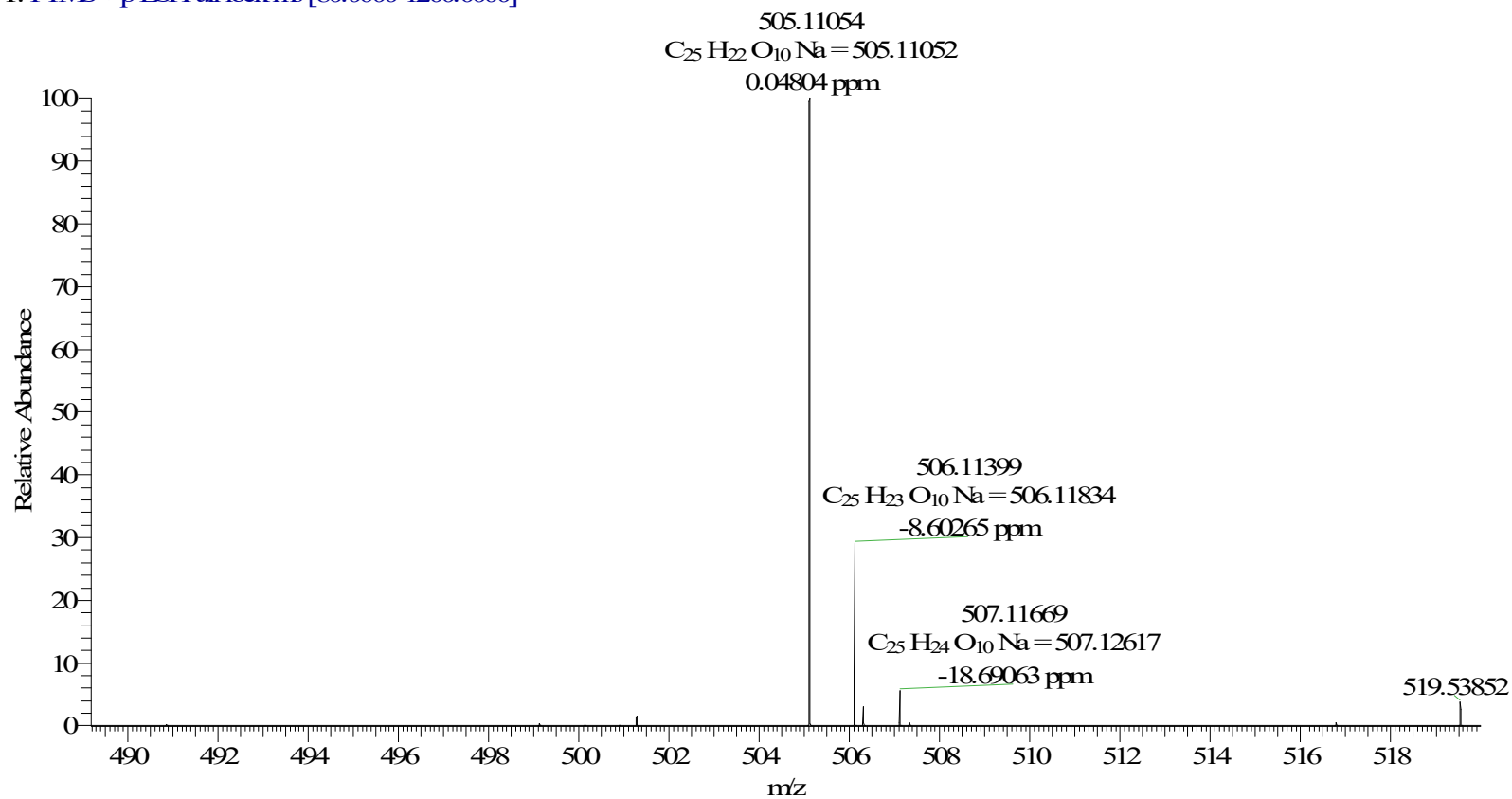


Figure S9 HSQC spectrum of compound **2**

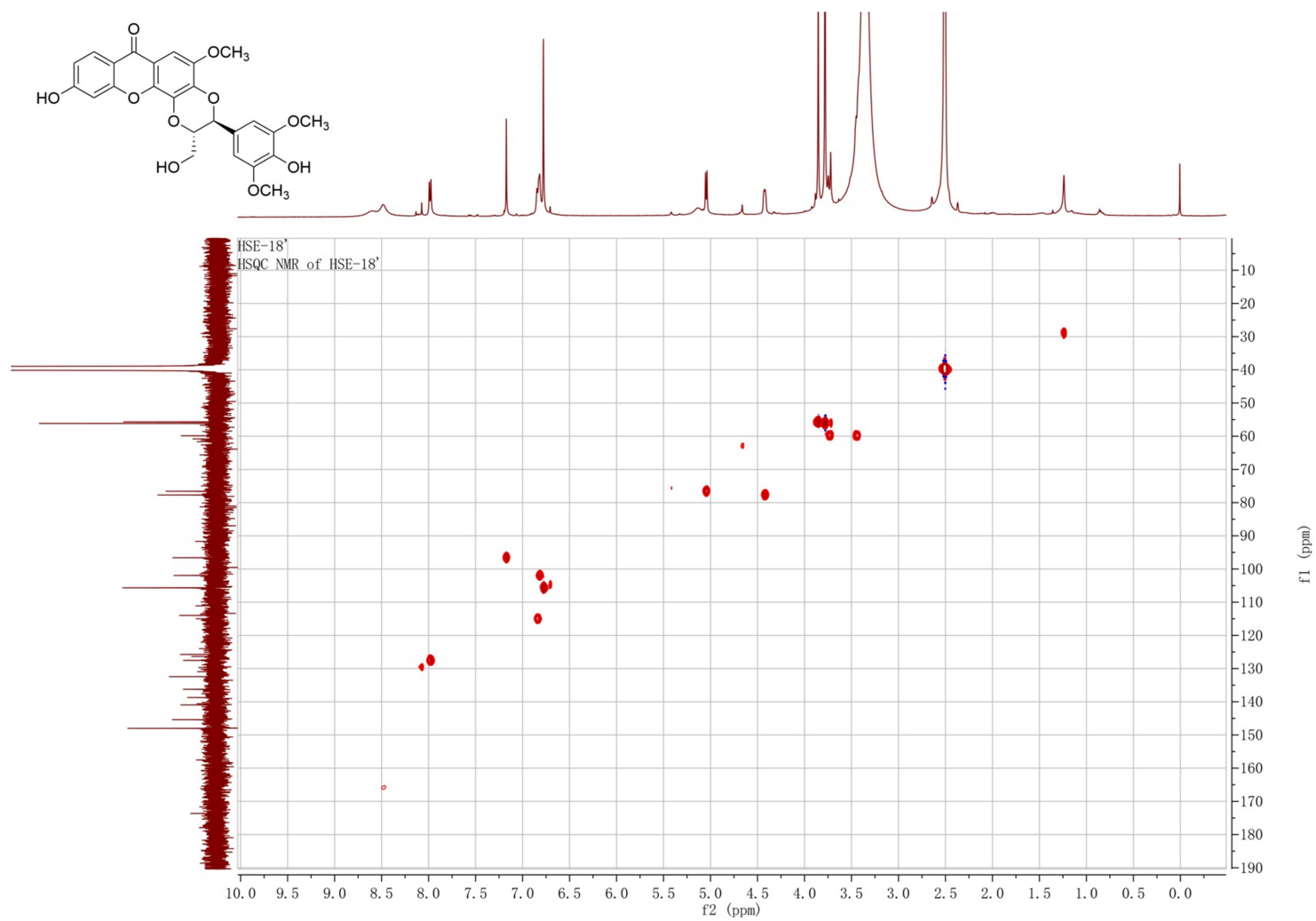


Figure S10 HMBC spectrum of compound **2**

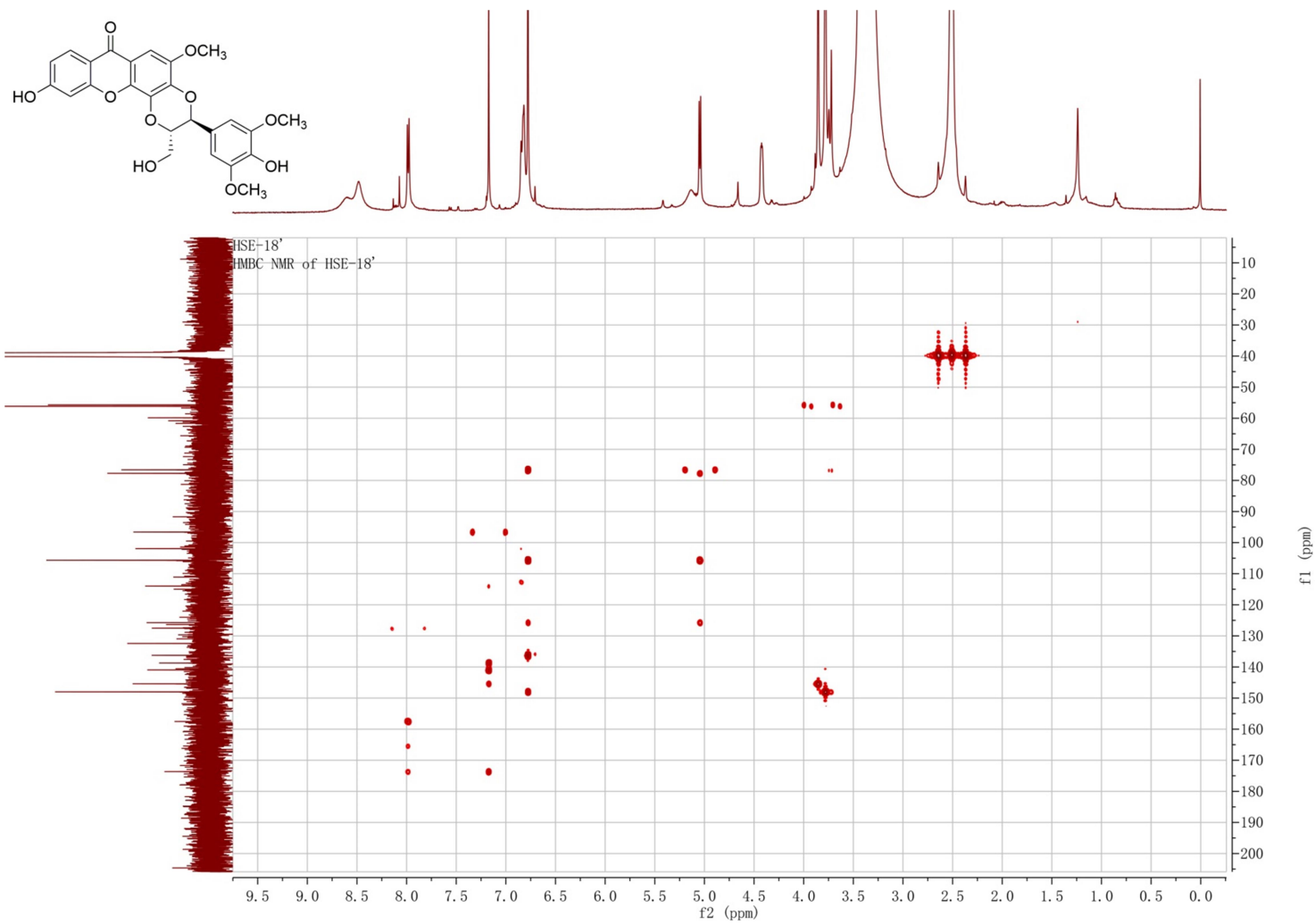


Figure S11 ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of compound **7**

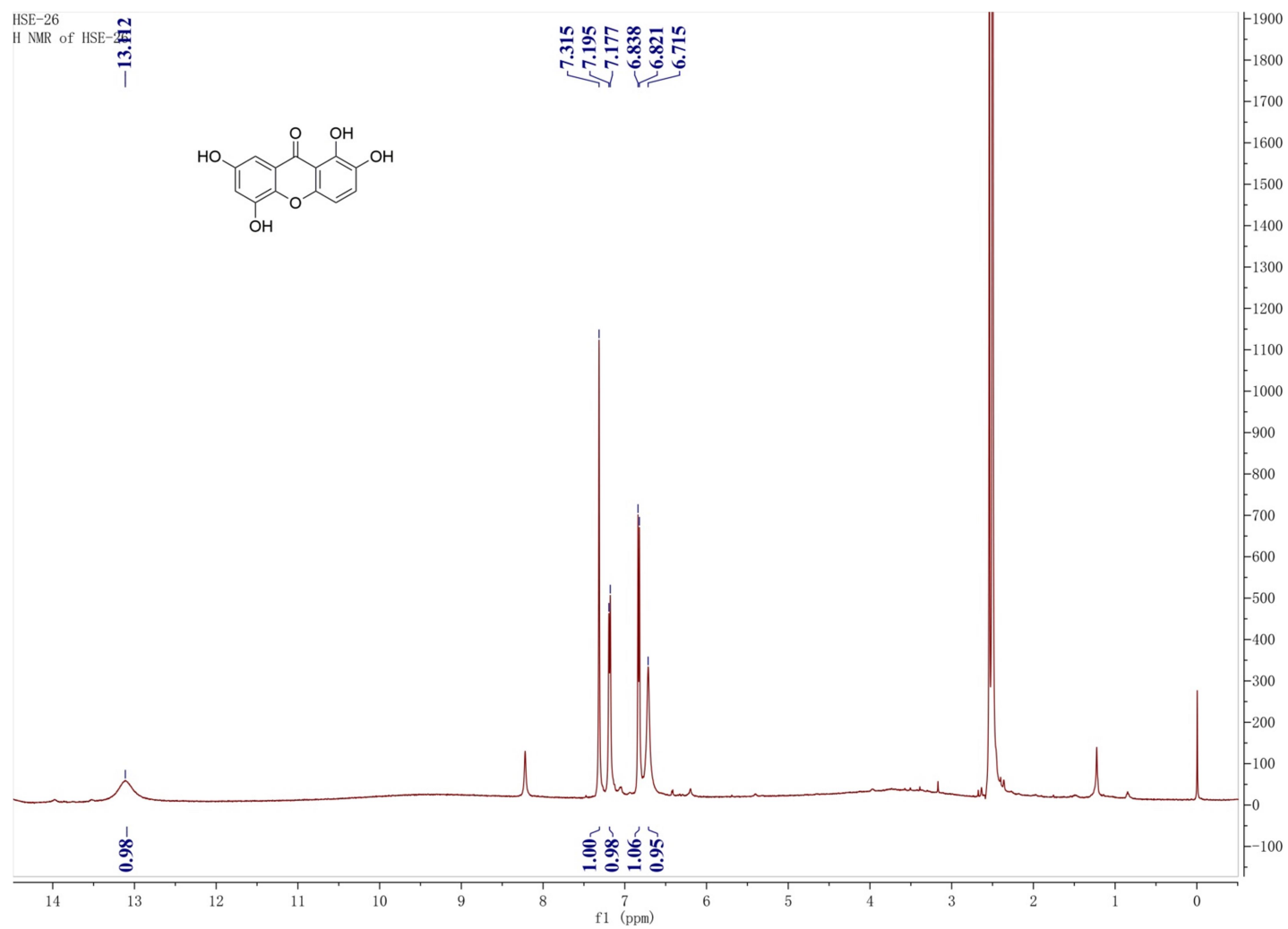


Figure S12 ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) spectrum of compound 7

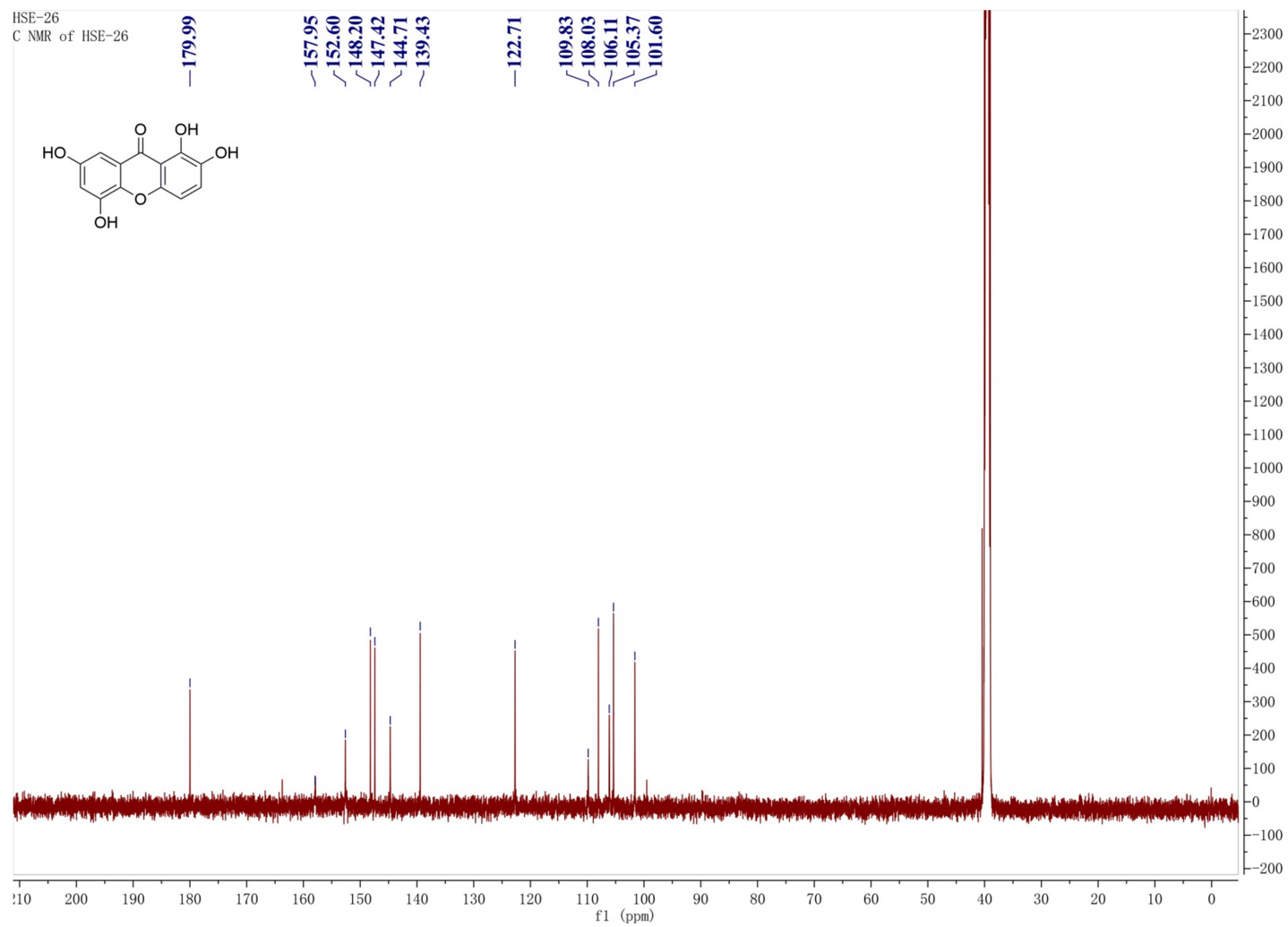


Figure S13 HRESIMS spectrum of compound 7

Analysis Name: HSE-26

Acquisition Date:

20201230

Comment: ESI Negative

Operator:

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T: FTMS - p ESI Full ms [50.0000-750.0000]

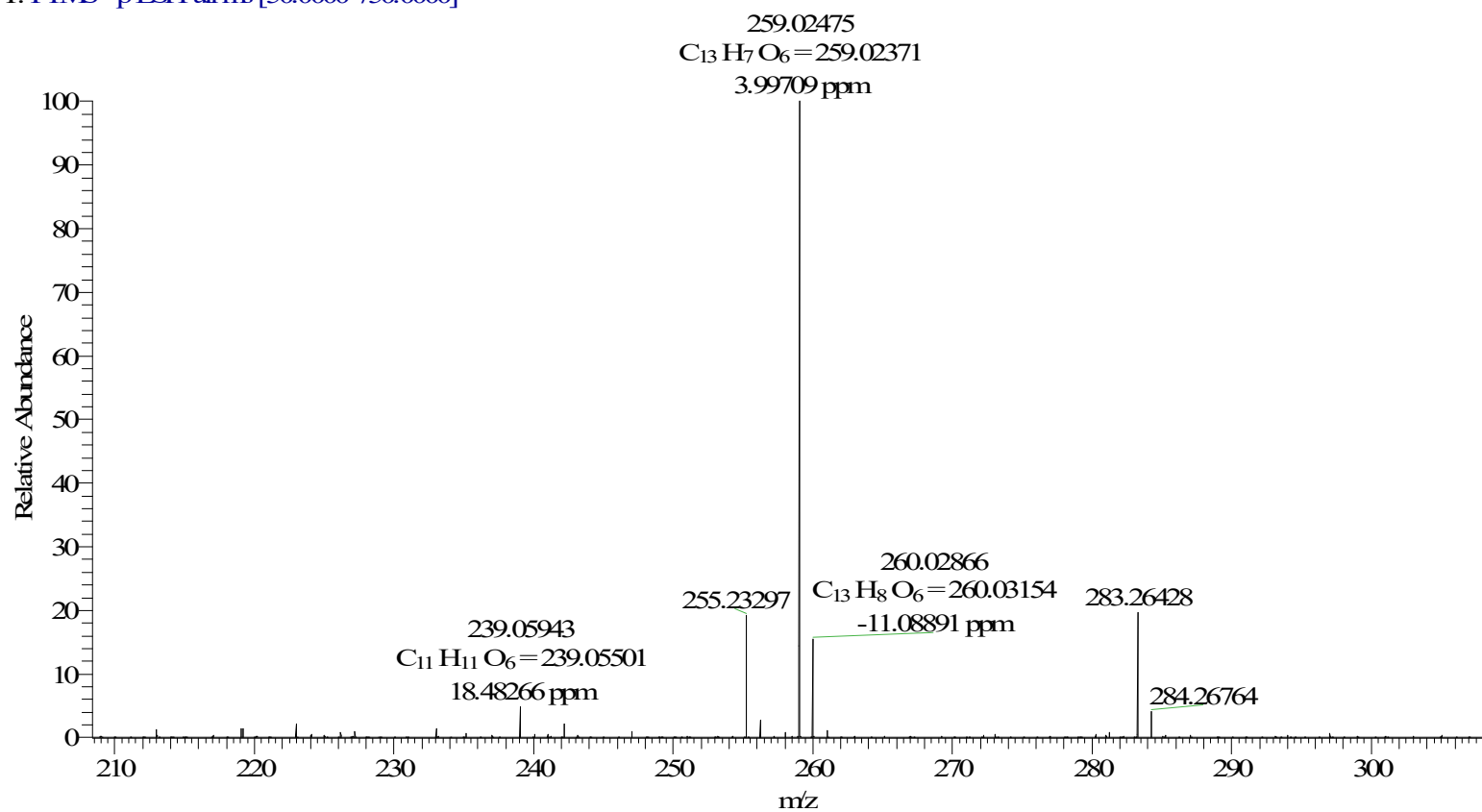


Figure S14 HSQC spectrum of compound **7**

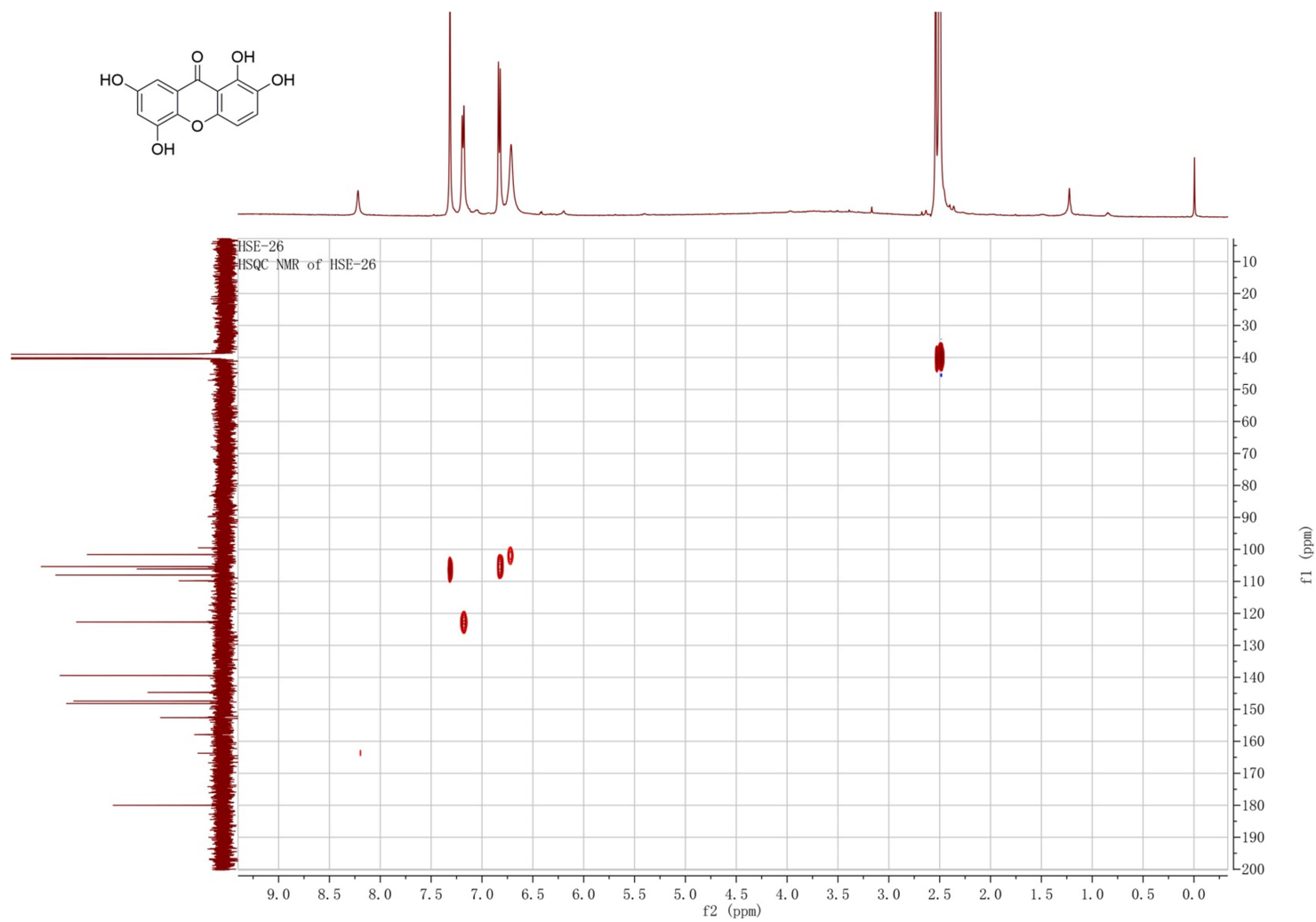


Figure S15 HMBC spectrum of compound **7**

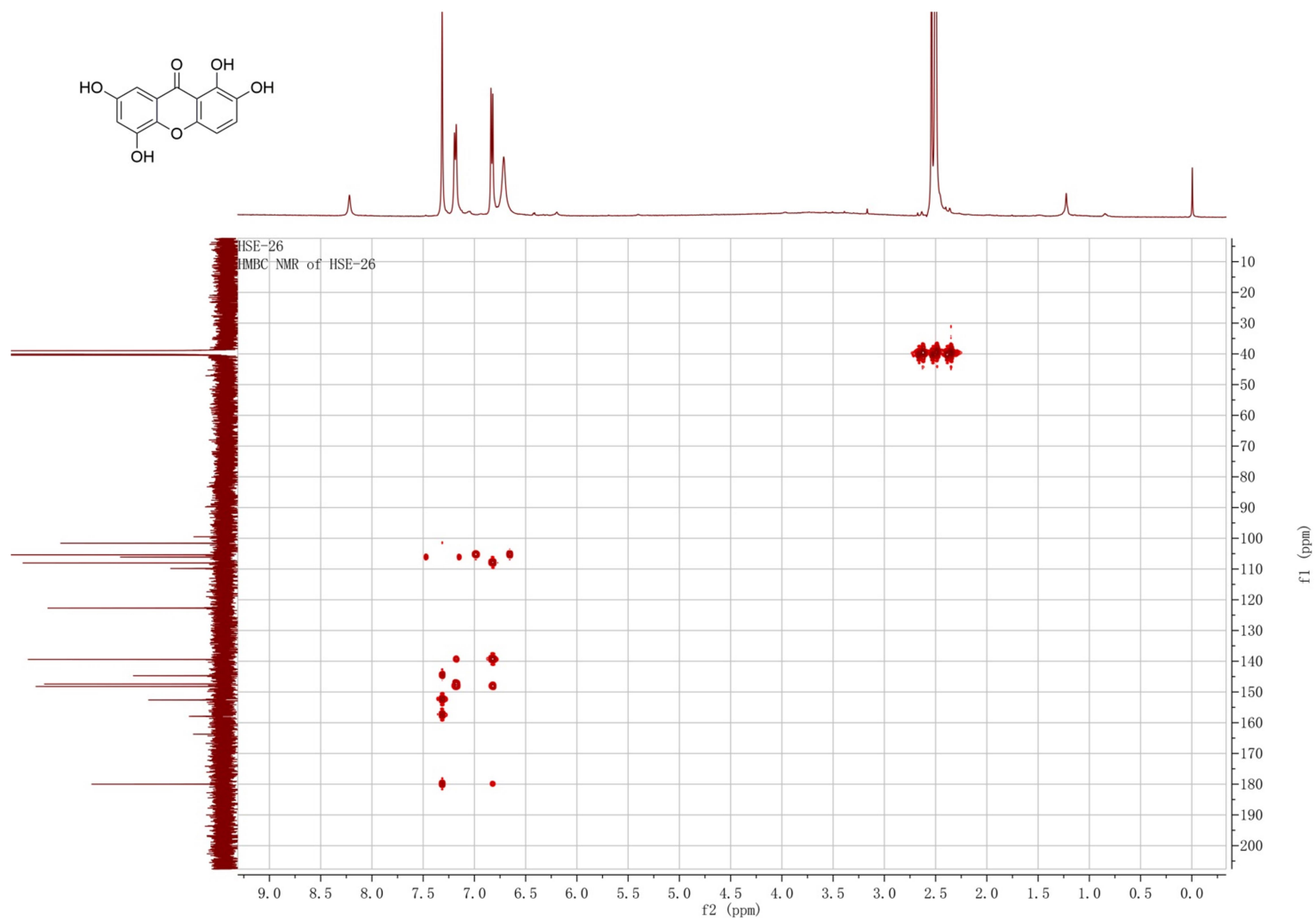


Figure S16 ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of compound **8**

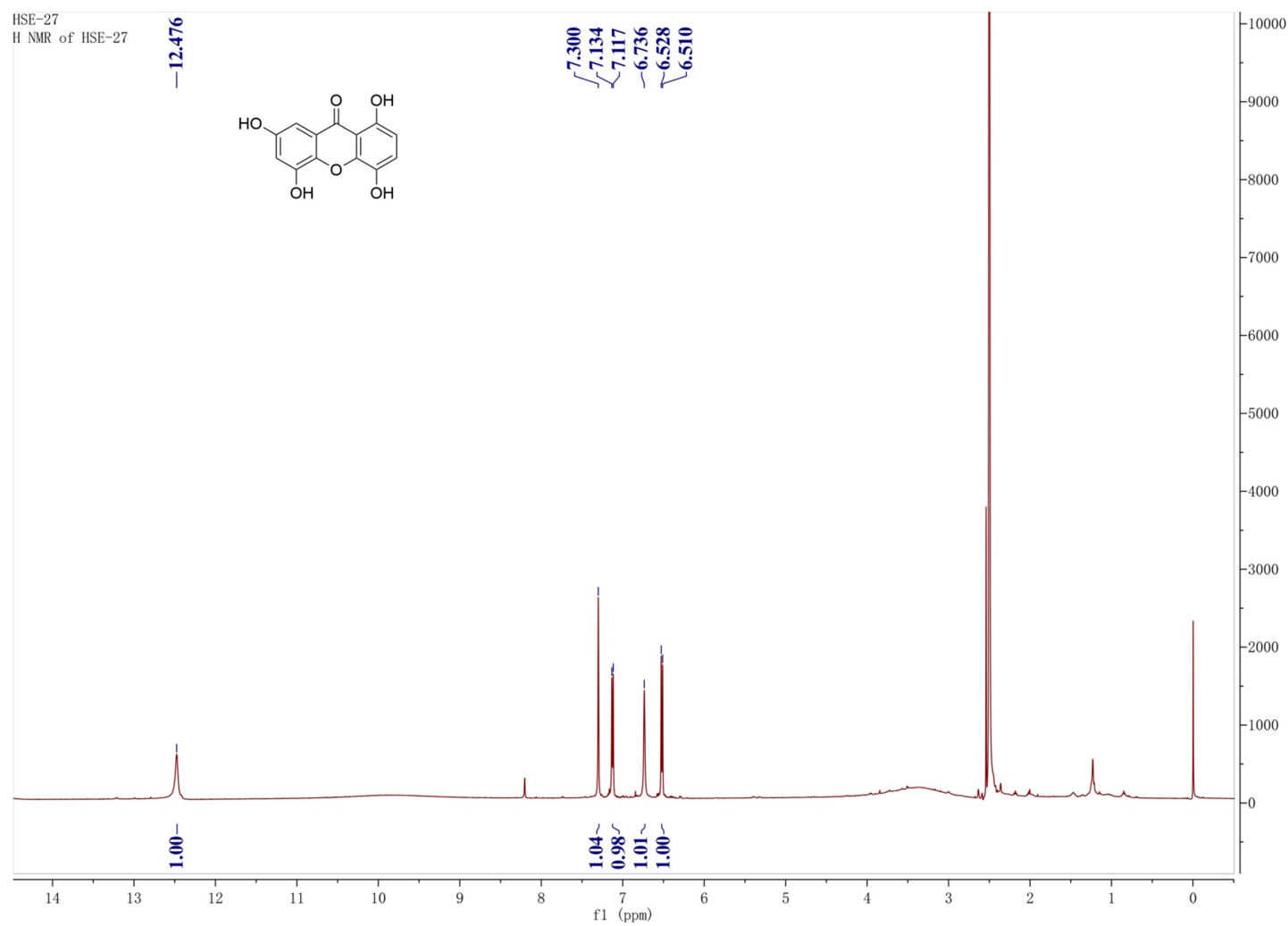


Figure S17 ^{13}C NMR (125 MHz, $\text{DMSO}-d_6$) spectrum of compound **8**

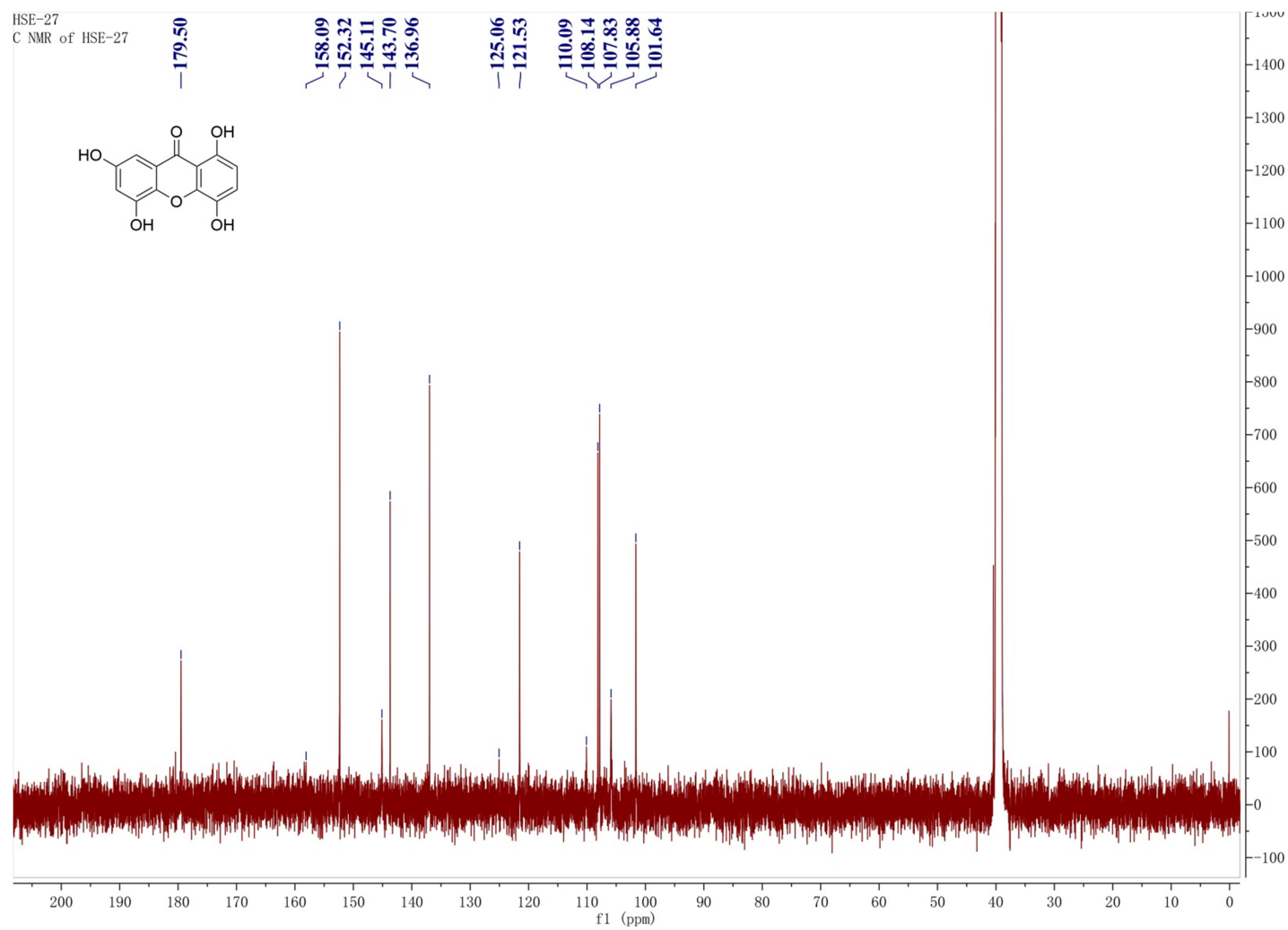


Figure S18 HRESIMS spectrum of compound 8

Analysis Name: HSE-27

Acquisition Date:

20201230

Comment: ESI Negative

Operator:

TIPC

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T: FTMS - p ESI Full ms [50.0000-750.0000]

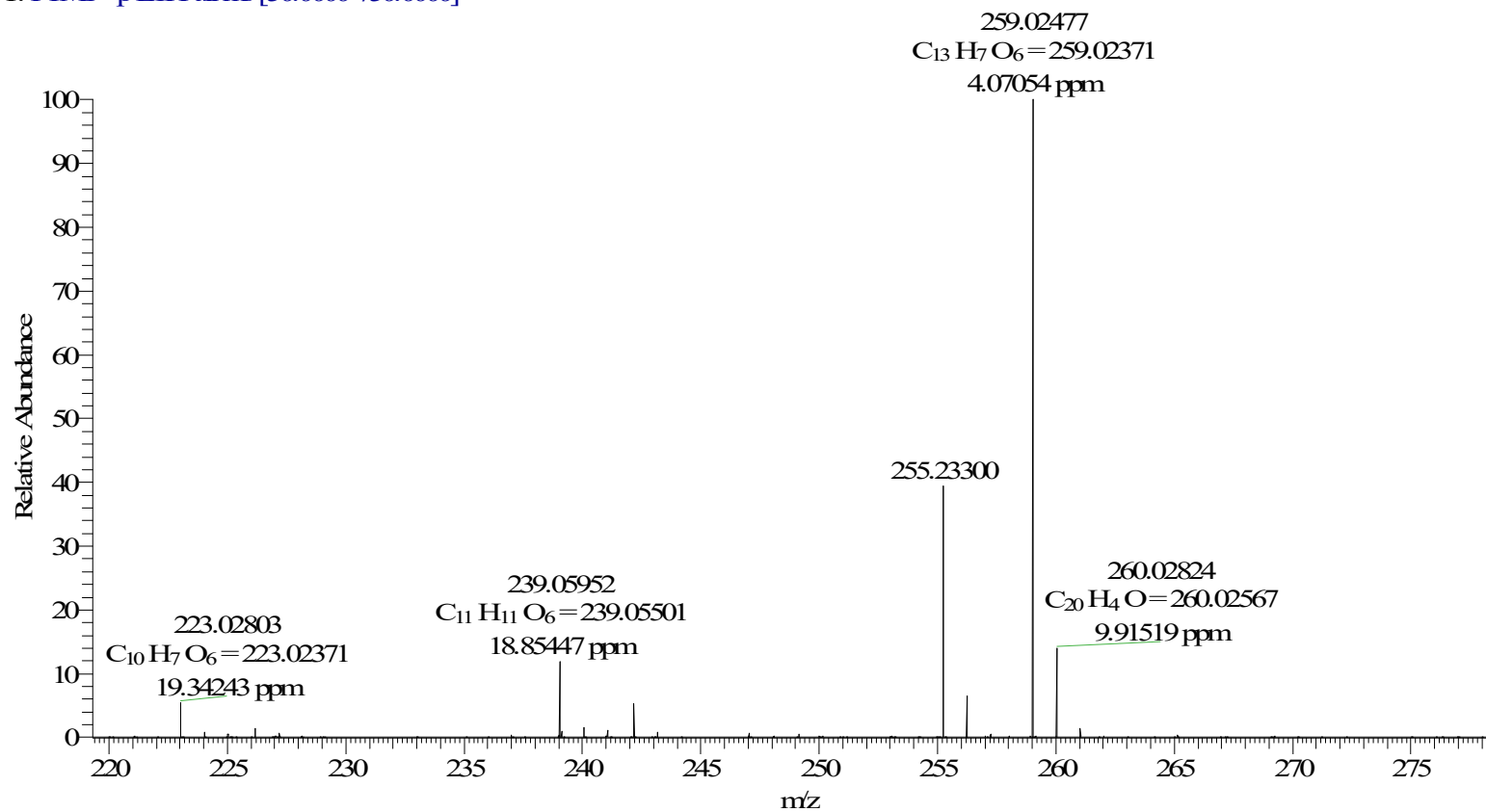


Figure S19 HSQC spectrum of compound **8**

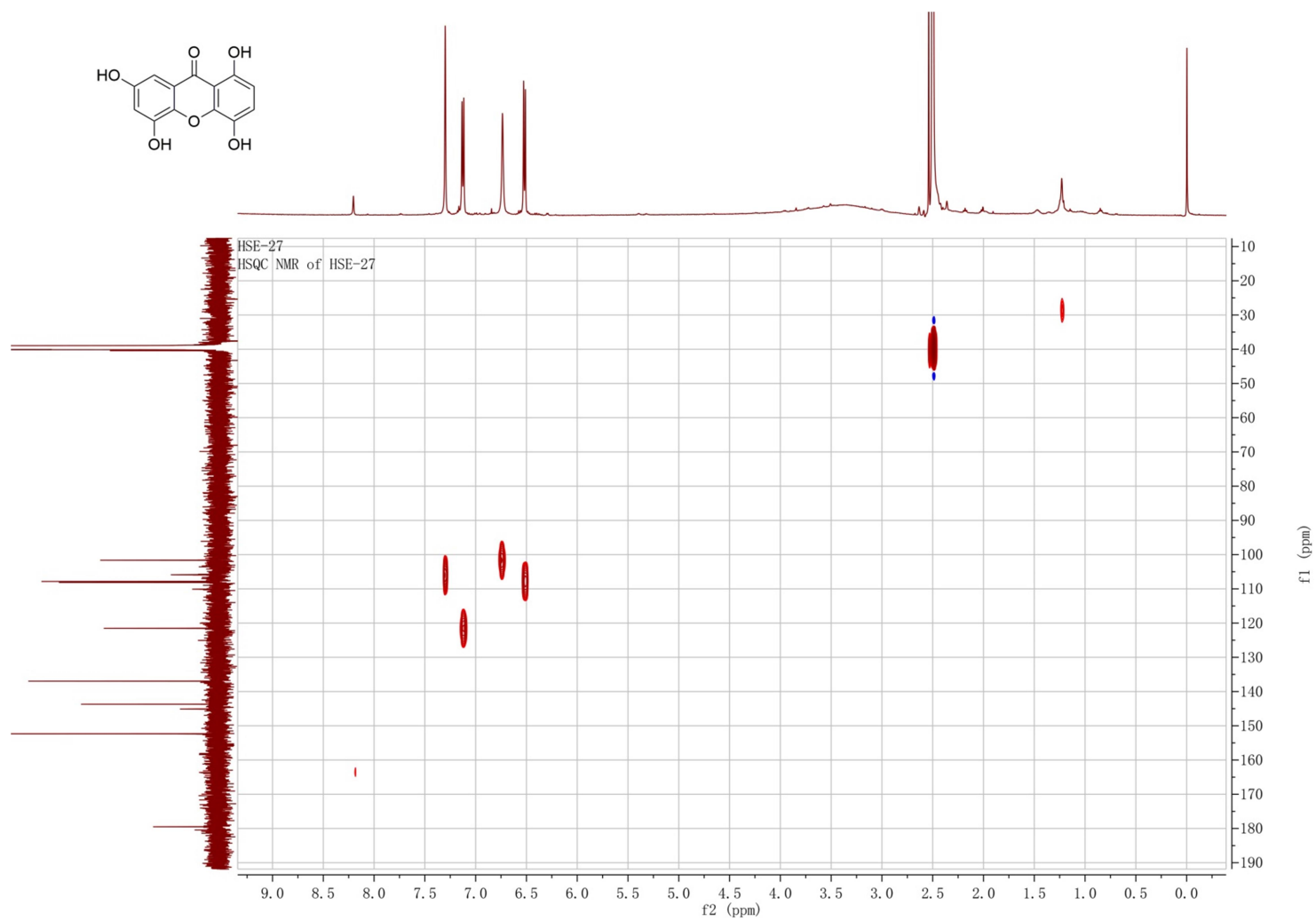


Figure S20 HMBC spectrum of compound **8**

